

Current Science 2004-2005 Index

The first number indicates the issue; the second number indicates the first page of the article in which the term is found.

ACADEMY AWARD WINNER, 16:15

aerodynamics, 7:12, 8:10
 agricultural runoff, 3:8
 air pollution, 2:14, 4:14, 9:6
 Alex the parrot, 4:6
 algae, 3:8, 12:10
 Amazon River, 5:13
 anastomosis, 7:4
 anemia, 5:4
 animal breeding, 9:4; communication, 9:12; reproduction, 3:12; torture, 5:14
 Antarctic highway, 9:10
 antibiotics, 15:6
 aquaculture, 2:8
 Aresco, Matt, 15:12
 arsenic poisoning, 4:15
 asphalt-plastic pavement, 9:14
 asteroid, 6:10
 asthma, 2:13, 11:6
 astrobiologist, 5:10
 astronomy, 2:6, 15:13
 athlete, 2:4, 5:12
 atom picture, 8:13
 Aull, Kay, 10:14
 Australian animals, 13:4, 16:15
 avian influenza, 6:8

BALLOT, 4:8

bariatric surgery, 9:8
 bat bite, 14:12
 Bates, Adam, 2:13
 bear cubs, 12:12
 bends, 13:15
 biology, 15:4
 biology competition, 10:14
 biomedical engineering, 10:13
 bioterrorism, 3:14, 13:8
 bird flu, 6:8
 black hole, 7:6
 blackout of 2003, 4:14
 blindness, 16:12
 blood food products, 5:12
 bodysurfing, 16:4
 body temperature, 8:6
 Bonaparte, Napoléon, 4:15
 Bonds, Julia, 15:10
 bonobo, 16:8
 Bragg, Eric, 2:8
 brain, 11:4; cells grown in petri dish, 10:13; development, 12:6
 breast cancer, 15:14
 Brown, Eric, 5:15
 bug robot, 7:8
 butterfly effect, 12:15

CADAVER, 3:10

California automobile emission law, 9:12
 Canary Islands, 8:4, 14:15
 cancer, 1:13, 4:15, 15:14
 cancer-smelling dogs, 9:14
 captive breeding, 9:4, 14:6
 carbohydrates, 6:12
 carbon cycle, 5:10
 carbon dioxide emission, 4:14, 9:12
 Care4thebears, 12:12
 careers in science issue, 15
 Carson, Rachel, 5:4
 cartoon character, 13:12
 Cassini, 10:10
 cathode ray tube, 1:10
 center of gravity, 6:4, 14
 chaos theory, 12:15
 chemistry Olympiad, 5:15
 chicken, 5:14, 6:8
 chimpanzee, 16:8
 chocolate, 11:8
 chronic fatigue syndrome, 5:12
 Clean Air Act, 9:6
 cleanliness, 11:6
 climate changes, 4:4
 cloning, 1:4
 coal-burning power plant, 4:14
 coal-mining, 15:10
 cold water survival, 8:6
 Colorado River, 14:8
 computer mouse, 11:14; recycling, 14:4; run by mind control, 12:14
 condor, 9:4
 Congo, 16:8
 cough, 10:8
 crocheted chaos theory model, 12:15
 Crohn's disease, 11:6
 crude oil, 12:4
 Cyr, Claude, Louis-Olivier, and Antoine, 13:12

DARK MATTER, 16:12

Darwin, Charles, 13:4
 Da Vinci Robot, 4:10
 Davis, John, 15:13
 DDT, 5:4
 dead zone, 12:10
 death penalty, 12:6
 decompression sickness, 13:15
 deforestation, 4:4
 Demaine, Erik, 15:15
 DeMarse, Thomas, 10:13
 deoxyribonucleic acid, 3:12, 7:10
 diabetes, 10:15
 Dial, Roman, 15:4
 diet, 6:12

dioxin poisoning, 12:13
 distress call from TV, 11:12
 divergent strabismus, 8:15
 dog nurses kittens, 11:13; owner, 3:15; with two legs, 14:12
 dogs smell cancer, 9:14
 drag, 7:12, 8:10
 drug addiction, 14:10; resistance, 15:6

EARTH, end of, 5:10; gravity, 5:13; humming, 8:13

earthquake, 4:13, 8:4, 10:14, 13:6, 14:15
Ebu Gogo, 10:4
 EcoBot II, 7:13
 ecological research, 15:4
 "ecopassage," 15:12
 ectopia cordis, 5:14
 Eidelson, Ben, 3:14
 e-ink, 15:8
 EKIP, 7:12
 elastic energy, 6:4
 electricity from ocean waves, 13:12
 electricity miser, 10:6
 electron microscope, 8:13
 electronic ink, 15:8
 electronic trash, 14:4
 elephant, 14:6
 embryonic stem cell, 16:10
 Emi the Sumatran rhinoceros, 9:4
 endangered species, 9:4, 16:8
 endurance running, 11:12
 energy company lawsuit, 4:14; conservation, 10:6; of motion, 6:4
 environmental activism, 15:10
 environmentally friendly school, 10:6
 epidemiology, 3:14
 equatorial mount, 15:13
 ethanol, 9:6
 eugenics, 7:10
 e-waste, 14:4
 exotic fish, 4:12
 exotic matter, 7:6
 extrasolar planet, 3:15
 eyeglass lens maker, 15:8
 eye misalignment, 8:15
FAIRY CIRCLE, 1:14
 false pregnancy, 11:13
 fatigue, 5:12
 fermentation, 11:8
 fertilizer runoff, 12:10
 fish, 2:8, 3:8, 4:12
 Fisher, Helen, 11:4
 flat-screen television, 1:10
 "Flores Man," 10:4

Current Science 2003-2004 Index

(continued from page 5)

Flybar 1200, 10:15
flying squirrel, 8:14
food web, 15:4
forest canopy, 15:4; planting, 8:14
fossil, 14:14
frontal lobe development, 12:6
fruit ripeness label, 3:12
fruit tree, 9:13
fuel, 12:4
fuel efficiency, 8:10, 9:12

GALLANT, GINA, 9:14

galaxy, 16:12
gas mask, 12:14
gasoline additive, 9:6; efficiency, 8:10; leak, 9:6
Gass, Steve, 13:14
gastric bypass surgery, 9:8
gene, 1:4, 3:12; mutation, 7:10
genetic engineering, 13:8; testing, 7:10
geothermal energy, 11:10
germ, 11:6
geyser, 4:13
Giesbrecht, Gordon, 8:6
Giese, Jeanna, 14:12
glaciation, 16:13
glacier, 4:4
Glen Canyon Dam, 14:8
Gleneagle High School, 10:6
global cooling, 16:13; dimming, 2:14; warming, 4:4, 4:14, 9:12
Gloria Barron Prize for Young Heroes, 8:14, 9:14
glycemic index, 6:12
Goldin, Aaron, 13:12
gorilla, 9:12
Grand Canyon, 14:8
gravity, 5:13
great white shark, 16:4
greenhouse gas, 4:4, 9:12
Griffith, Saul, 15:8
Guiyu, China, 14:4
Gulf of Mexico, 12:10
Guo, Lucie, 15:14
gyroscope, 13:12

HAMM, PAUL AND MORGAN, 6:13

hatchery, 2:8
head transplant, 7:4
health care, 8:8, 11:15
heart condition, 5:14
heavy metals, 14:4
Hedberg, Mason, 1:13
helminth, 11:6
herpetology, 15:12
hiccups, 4:15
high-altitude flight, 9:15
high-definition television, 1:10
Hill, Maynard, 2:10

hippopotamus, 2:15
Hit Song Science, 4:12
Homo floresiensis, 10:4
horsepower, 5:8
hot spring, 4:13
human growth hormone, 9:13
humming Earth, 8:13
humor, 3:13
hurricane, 6:14
Huygens probe, 10:10, 14:12
hybrid vehicle, 9:12
hygiene hypothesis, 11:6
hyperhidrosis, 1:8
Hyper X plane, 1:12
hypothermia, 8:6
hypoxic water, 12:10

IAPETUS, 13:13

ice age, 5:10; core, 4:4; cover, 4:4; shelf, 9:10; worm, 15:4
Iceland, 11:10
immune system, 7:4, 10:8, 10:15, 11:6, 15:6
impulse control in teens, 12:6
incandescent lightbulb, 13:10
inflammation, 15:6
influenza, 6:8
infrasonic vibration, 8:13
inhaler, 2:13
insulin, 10:15
Intel Science Talent Search, 1:13
interleukin-6, 5:12
International Biology Olympiad, 10:14; Chemistry Olympiad, 5:15
interstellar cloud, 16:13

JAW TRANSPLANT, 6:15

joke equation, 3:13

KANGAROO MANURE PAPER, 16:15

Ka-on, 16:14
Kenya, 3:4
KFC, 5:14
Kiappes, John Leon, Jr., 5:15
Kilimanjaro, 4:4
kinetic energy, 6:4
kittens nursed by dog, 11:13
Koko the gorilla, 9:12
Krakatoa, 1:6
Kuiper Belt, 2:6

LA PALMA, 8:4, 14:15

laboratory mouse, 1:12
lactation, 11:13
landslide, 8:4
laparoscopic surgery, 4:10
laser, 7:15
lava dome, 13:6
lemur, 11:15
Li, Xianlin, 15:14

life expectancy of Americans, 11:15
lightbulb, 13:10
light-emitting diode, 2:14, 13:10
lion, 3:4
liquid crystal display television, 1:10
Lituya Bay, Alaska, wave, 8:4
liver operation, 16:14
longevity, 16:15
Lorenz equations, 12:15
love, 11:4
low-temperature condition, 8:6

MAGGIE THE ELEPHANT, 14:6

malaria, 5:4
mammal fossil, 14:14
manure paper, 16:15
Mars, 7:13
marsupial, 13:4
Mercury, 6:10
methane rain on Titan, 14:12
methyl tertiary-butyl ether (MTBE), 9:6
microbiology, 15:6
micromechanical flying insect, 7:8
microsphere, 15:8
mind-controlled computer, 12:14
Miyake, Japan, 12:14
model airplane, 2:10
monkeypox, 8:14
monotreme, 13:4
mosquito, 5:4
mote, 7:8
motion, 6:4
motorcycle, 5:8
Mount St. Helens, 13:6
Munch, Edvard, 1:6
music, 4:12
musical flower, 16:14

NAIL GUN VICTIM, 1:14

nanotechnology, 7:8
National Young Astronomer Awards, 15:13
natural selection, 13:4
negative energy, 7:6
nose-driven mouse, 11:14
nutrition, 8:8

OBESITY, 9:8

occupancy sensor, 10:6
ocean loss, 5:10; wave, 8:4, 8:13; 14:15, 16:4; waves generate electricity, 13:12
oil, 12:4
Olcay, Alev and Lara, 12:12
Oort cloud, 2:6
Opportunity Mars rover, 7:13
orbital mechanics, 6:10
organ transplant, 7:4
origami math, 15:15

Current Science 2003-2004 Index

(continued from page 6)

oryx, 9:4
 Oscar winner, 16:15
 OxyContin, 14:10
 oxygenate, 9:6
 Oyama, Mount, 12:14
PAIN RELIEVER, 14:10
 Pangaea Ultima, 5:10
 paper from manure, 16:15
 parrot, 4:6
 pavement, 9:14
 People for the Ethical Treatment of Animals (PETA), 5:14
 Pepperberg, Irene, 4:6
 periodic table, 12:8
 perspiration, 1:8
 pertussis, 10:8
 petroleum, 12:4
 Phoebe (moon of Saturn), 10:10
 planet, 2:6, 3:15
 plasma television, 1:10
 Plasmodium parasite, 5:4
 plastic-asphalt pavement, 9:14
 plastination, 3:10
 plate tectonics, 5:10
 platypus, 13:4
 pocket bike, 5:8
 poisoning, 4:15, 12:13
 polar ice cap, 4:4
 pollution, 9:6, 14:4; control, 9:12
 potassium deficiency, 4:15
 potential energy, 6:4
 poultry, 5:14, 6:8
 poverty and life expectancy, 11:15
 Powerisers, 6:4
 power plant, 4:14
 precipitation, 4:4
 prehistoric mammal, 14:14
 presidential election, 4:8
 primordial germ cell, 13:14
 pyroclastic flow, 13:6
RABIES TREATMENT, 14:12
 radio signal, 7:14, 11:12; telescope, 16:12
 rain on Titan, 14:12
 ramjet, 1:12
 recycling, 10:6
 red giant, 5:10
 red wolf, 9:4
 Rembrandt, 8:15
 renewable energy, 12:4
Repenomamus giganticus, 14:14
 respiratory illness, 10:8
 rhinoceros, 9:4
 Rich, Matthew, 8:14
 ring laser, 7:15
 rings of Saturn, 10:10
 river ecosystem, 14:8

robot, 7:8, 13
 robotic surgery, 4:10
 Rogers, Ernest and Kai, 8:10
 rollover, 6:14
 romantic love, 11:4
 running, 11:12
 runoff, 3:8
SALINITY, 3:8
 salmon, 13:14
 Salton Sea, 3:8
 sandbar, 14:8
 Saturn, 10:10, 13:13, 14:12
 science careers issue, 15
 science fiction issue, 7
 Scott, Monisha, 15:6
 "scramjet," 1:12
Scream, The, 1:6
 Sedna, 2:6
 semiconductor, 8:13, 13:10
 senses, 9:14, 16:12
 SETI, 7:14
 shark, 16:4
 Sheridan, Judith, 16:4
 shortness, 9:13
 Siemens Westinghouse
 Competition in Math, Science,
 and Technology, 13:12, 15:14
Silent Spring, 5:4
 Simmons, Christopher, 12:6
Simpsons, 14:2
 skin, 2:15
 smallpox, 3:14, 13:8
 smelling dogs, 9:14
 solar radiation, 2:14, 4:4, 5:10
 solar system, 2:6, 6:10, 10:10
 South Pole Traverse, 9:10
SpaceShipOne, 9:15
 sperm whale, 13:15
 spinal cord, 7:4, 16:10
Spirit Mars rover, 7:13
 sports, 2:4
 sport utility vehicle safety, 6:14
 squirrel, 8:14
 stature, 8:8, 9:13
 stem cell, 6:15, 16:10
 stereoblindness, 8:15
 steroids, 2:4
 St. Helens, Mount, 13:6
 stripmining, 15:10
 suborbital flight, 9:15
 sun, 5:10, 6:10, 10:10
 sunlight, 2:14
 supercontinent, 5:10
 supercritical fluid, 11:10
 surfing, 10:13, 16:4
 surgery, 4:10
 "survival of the fittest," 13:4
 SUV safety, 6:14

sweating, 1:8
TABLE SAW, 13:14
 tallness, 8:8, 9:13
 telescope, 15:13
 television, 1:10, 11:12
 telomere, 1:13
 testosterone, 2:4
 text messaging, 2:14
 theory of relativity, 7:15
 thermohaline circulation, 6:14
 time travel, 7:15
 Tintin, 13:12
 Titan (moon of Saturn), 10:10, 14:12
 toothache, 9:12
torsades de pointes, 4:15
 tree planting, 8:14
 trout, 2:8, 13:14
 Tsavo lion, 3:4
 Tsui, Emily, 5:15
 tsunami, 8:4, 14:15
 turtle, 15:12
 twins, 6:13
 two-headed dog, 7:4
 2000 presidential election, 4:8
Tyrannosaurus rex, 6:12
UNDERPERFORMANCE SYNDROME, 5:12
VACCINATION, 3:14
 Van Gogh, Vincent, 1:6
 Van Rossman, Chris, 11:12
Variola virus, 13:8
 Virgo, 16:12
 volcanic eruption, 1:6, 8:4, 14:15
 volcano, 4:4, 8:4, 12:14, 13:6; on
 Titan, 14:12
 Volkswagen Beetle, 8:10
 voting machine technology, 4:8
 Vulcanoid, 6:10
WATER POLLUTION, 9:6
 wave, 8:4, 14:15, 16:4
 wave message, 2:14
 weight loss, 9:8
 white dwarf, 5:10
 whooping cough, 10:8
 wolf, 9:4
 wormhole, 7:6
X PRIZE, 9:15
 X-linked inactivation, 1:4
 Xpress-on Fun Shell, 2:14
YELLOWSTONE NATIONAL PARK, 4:13
 Yoda the mouse, 1:12
 Young Epidemiology Scholars
 Competition, 3:14
 Yushchenko, Viktor, 12:13
ZHANG, FAN, 5:15